

EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTTTTTTTTTTT
EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTTTTTTTTTTT
EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTTTTTTTTTTT
EEE	DDD	TTT
EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTT
EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTT
EEEEEEEEEEEEEE	DDDDDDDDDDDD	TTT

CCCCCCCC CCCCCCCC HH HH MM MM MM SSSSSSSS SSSSSSSS AAAAAAA AAAAAAA VV VV VV PPPPPPPP PPPPPPPP 000000 000000 SSSSSSSS SSSSSSSS
CC CC HH HH MMMMM MMMMM MM SS SS AA AA AA AA VV VV VV PP PP PP PP 00 00 00 00 SS SS
CC CC HH HH MMMMM MMMMM MM SS SS AA AA AA AA VV VV VV PP PP PP PP 00 00 00 00 SS SS
CC CC HH HH MM MM MM SS SS AA AA AA AA VV VV VV PP PP PP PP 00 00 00 00 SS SS
CC CC HH HH MM MM MM SSSSSS SSSSSS AA AA AA AA VV VV VV PPPPPPPP PPPPPPPP 00 00 00 00 SSSSSS SSSSSS
CC CC HH HH MM MM MM SSSSSS SSSSSS AA AA AA AA VV VV VV PPPPPPPP PPPPPPPP 00 00 00 00 SSSSSS SSSSSS
CC CC HH HH MM MM MM SS AA AAAAAAAA VV VV VV PP PP PP 00 00 00 00 SS SS
CC CC HH HH MM MM MM SS AA AAAAAAAA VV VV VV PP PP PP 00 00 00 00 SS SS
CC CC HH HH MM MM MM SS AA AA VV VV VV PP PP PP 00 00 00 00 SS SS
CC CC HH HH MM MM MM SSSSSS SSSSSS AA AA AA AA VV VV VV PP PP PP 00 00 00 00 SSSSSS SSSSSS
CCCCCCCC CCCCCCCC HH HH MM MM SSSSSS SSSSSS AA AA AA AA VV VV VV PP PP 000000 000000 SSSSSS SSSSSS
CCCCCCCC CCCCCCCC HH HH MM MM SSSSSS SSSSSS AA AA AA AA VV VV VV PP PP 000000 000000 SSSSSS SSSSSS

LL IIIII SSSSSSSS
LL IIIII SSSSSSSS
LL IIIII SS SS
LLLLLLLL LLLL IIIII SSSSSSSS SSSSSSSS

```
0001 0 XTITLE 'EDT$CHMSAVPOS - save the current buffer position'
0002 0 MODULE EDT$CHMSAVPOS (
0003 0           IDENT = 'V04-000'
0004 0           ) =
0005 1 BEGIN
0006 1
0007 1 ****
0008 1 *
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0026 1 *
0027 1 *
0028 1 ****
0029 1
0030 1
0031 1 ++
0032 1 FACILITY: EDT -- The DEC Standard Editor
0033 1
0034 1 ABSTRACT:
0035 1
0036 1 This module saves the current buffer position in a
0037 1 position block.
0038 1
0039 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0040 1
0041 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown
0042 1
0043 1 MODIFIED BY:
0044 1
0045 1 1-001 - Original. DJS 04-Feb-1981. This module was created by
0046 1           extracting the routine EDT$SAV_BUFPoS from module CHANGE.BLI.
0047 1 1-002 - Regularize headers. JBS 03-Mar-1981
0048 1 1-003 - Improve the appearance of the listing. JBS 13-Jun-1983
0049 1 --
0050 1
```

```
52 0051 1 %SBTTL 'Declarations'  
53 0052 1  
54 0053 1 TABLE OF CONTENTS:  
55 0054 1  
56 0055 1  
57 0056 1 REQUIRE 'EDTSRC:TRAROUNAM';  
58 0495 1  
59 0496 1 FORWARD ROUTINE  
60 0497 1 EDTSSSAV_BUFPoS : NOVALUE; ! Save the current buffer position  
61 0498 1  
62 0499 1  
63 0500 1 INCLUDE FILES:  
64 0501 1  
65 0502 1  
66 0503 1 REQUIRE 'EDTSRC:EDTREQ';  
67 0638 1  
68 0639 1  
69 0640 1 MACROS:  
70 0641 1  
71 0642 1 NONE  
72 0643 1  
73 0644 1 EQUATED SYMBOLS:  
74 0645 1  
75 0646 1 NONE  
76 0647 1  
77 0648 1 OWN STORAGE:  
78 0649 1  
79 0650 1 NONE  
80 0651 1  
81 0652 1 EXTERNAL REFERENCES:  
82 0653 1  
83 0654 1 In the routine
```

```
85      0655 1 %SBTTL 'EDTSSSAV_BUFO - save the current buffer position'
86      0656 1
87      0657 1 GLOBAL ROUTINE EDTSSSAV_BUFO (           ! Save the current buffer position
88      0658 1   POS                                ! the position block in which to save
89      0659 1   ) : NOVALUE =
90      0660 1
91      0661 1 ++
92      0662 1   FUNCTIONAL DESCRIPTION:
93      0663 1
94      0664 1   This routine saves the current buffer position in a position block.
95      0665 1
96      0666 1   FORMAL PARAMETERS:
97      0667 1
98      0668 1   POS          The position block in which the current buffer position
99      0669 1           is to be saved
100     0670 1
101     0671 1   IMPLICIT INPUTS:
102     0672 1
103     0673 1   EDTSSA_CUR_BUF
104     0674 1   EDTSSST_LN_BUF
105     0675 1   EDTSSA_LN_PTR
106     0676 1
107     0677 1   IMPLICIT OUTPUTS:
108     0678 1
109     0679 1   NONE
110     0680 1
111     0681 1   ROUTINE VALUE:
112     0682 1
113     0683 1   NONE
114     0684 1
115     0685 1   SIDE EFFECTS:
116     0686 1
117     0687 1   NONE
118     0688 1
119     0689 1   --
120     0690 1
121     0691 2   BEGIN
122     0692 2
123     0693 2
124     0694 2   EXTERNAL ROUTINE           ! Declare current line as changed
125     0695 2   EDTSSRPL_CHGDLN;
126     0696 2
127     0697 2   EXTERNAL
128     0698 2   EDTSSA_CUR_BUF : REF TBCB_BLOCK,           ! The current buffer tccb
129     0699 2   EDTSSST_LN_BUF,           ! Current line buffer
130     0700 2   EDTSSA_LN_PTR;           ! Current character pointer
131     0701 2
132     0702 2   MAP
133     0703 2   POS : REF POS_BLOCK;
134     0704 2
135     0705 2   !+ Update the current line if necessary.
136     0706 2   !-
137     0707 2   EDTSSRPL_CHGDLN ();
138     0708 2   EDTSSCPY-MEM (POS_SIZE, .EDTSSA_CUR_BUF, .POS);
139     0709 2   POS [POS_CHAR_POS] = CHSDIFF (.EDTSSA_LN_PTR, CHSPTR (EDTSSST_LN_BUF));
140     0710 1   END;
```

```
: .TITLE EDT$CHMSAVPOS EDT$CHMSAVPOS - save the current
:                                buffer positio
: .IDENT \V04-000\

: .EXTRN EDT$SRPL_CHGDLN
: .EXTRN EDTSSA_CUR_BUF, EDT$ST_LN_BUF
: .EXTRN EDTSSA_LN_PTR

: .PSECT _EDT$CODE,NOWRT, SHR, PIC,2

: 00000000G 00 007C 00000
:          50 00000000G 00 FB 00002
:          56 00000000G 00 D0 00009
:          66 60 00000000G 00 AC 00010
:          0C A6 00000000G 00 0E 28 00014
:          50 00000000G 00 9E 00018
:          00 50 A3 0001F
:          04 00028

: .ENTRY EDT$SAV_BUFPoS, Save R2,R3,R4,R5,R6 : 0657
: CALLS #0, EDT$SRPL_CHGDLN : 0707
: MOVL EDTSSA_CUR_BUF, R0 : 0708
: MOVL POS, R6
: MOVC3 #14, (R0), (R6)
: MOVAB EDT$ST_LN_BUF, R0 : 0709
: SUBW3 R0, EDTSSA_LN_PTR, 12(R6) : 0710
: RET
```

: Routine Size: 41 bytes. Routine Base: _EDT\$CODE + 0000

: 141 0711 1
: 142 0712 1 !<BLF/PAGE>

EDT\$CHMSAVPOS
VO4-000

J 9
EDT\$CHMSAVPOS - save the current buffer position 16-Sep-1984 00:09:55
EDT\$SSAV_BUFPoS - save the current buffer position 14-Sep-1984 12:22:43
VAX-11 Bliss-32 V4.0-742
[EDT.SRC]CHMSAVPOS.BLI;1

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(4)

: 144 0713 1 END
: 145 0714 1
: 146 0715 0 ELUDOM

! of module EDT\$CHMSAVPOS

EDT
VO4

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	41	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	-----	Symbols	-----	Pages	Processing
	Total	Loaded	Percent	Mapped	Time
\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	33	8	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:CHMSAVPOS/OBJ=OBJ\$:CHMSAVPOS MSRC\$:CHMSAVPOS.BLI/UPDATE=(ENH\$:
HMSAVPOS)

Size: 41 code + 0 data bytes
Run Time: 00:09.4
Elapsed Time: 00:11.9
Lines/CPU Min: 4544
Lexemes/CPU-Min: 12794
Memory Used: 61 pages
Compilation Complete

0132 AH-BT13A-SE
VAX/VMS V4.0

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CHMPARSEN
15

CHMPAREN LTS

CHMSAUP05
115

CHMSCH5TR
115

CHMONSTR
LTS

CHMREPOS
LTS

CHMSENDL
LTS

CHMESS
115

CHMPASTE
115

CHMNEWLEN
115

CHMPARSE LTS